Kramer Scaler Output Resolutions Tables (June 16th 2011)

Model#[1]	Input	VGA	SVGA	XGA	WXGA	SXGA	UXGA	WUXGA	480p	576p	720p	1080i	1080p
		640x480	800x600	1024x768	1366x768	1280x1024	1600x1200	1920x1200	480p	576p	720p	1080i	1080p
VP-413	PAL	60Hz	60Hz	60Hz	60Hz	x	x	x	x	x	x	x	x
	NTSC	60Hz	60Hz	60Hz	60Hz	x	x	x	x	x	x	x	x
VP-413XL	PAL	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	x	x	x	x
	NTSC	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	x	x	x	x
VP-414	PAL	60Hz	60Hz	60Hz	60Hz	x	x	x	X	50Hz	50Hz	50Hz	x
	NTSC	60Hz	60Hz	60Hz	60Hz	x	x	x	60Hz	X	60Hz	60Hz	x
VP-414XL	PAL	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	X	50Hz	50Hz	50Hz	50Hz
	NTSC	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	X	60Hz	60Hz	60Hz
VP-415	PAL	60Hz	60Hz	60Hz	60Hz	x	x	x	x	x	x	x	x
	NTSC	60Hz	60Hz	60Hz	60Hz	x	x	x	x	x	x	x	x
VP-416	PAL	60Hz	60Hz	60Hz	60Hz	x	x	x	X	50Hz	50Hz	50Hz	x
	NTSC	60Hz	60Hz	60Hz	60Hz	x	x	x	60Hz	X	60Hz	60Hz	x
VP-418	PAL	x	x	x	x	x	x	x	X	50Hz	50Hz	x	x
	NTSC	x	x	x	x	x	x	x	60Hz	X	60Hz	x	x
VP-418XL	PAL	x	x	x	x	x	x	x	X	50Hz	50Hz	50Hz	50Hz
	NTSC	x	x	x	x	x	x	x	60Hz	X	60Hz	60Hz	60Hz
VP-419XL	PAL	60Hz	60Hz	60Hz	x	60Hz	x	x	X	50Hz	60Hz	60Hz	x
	NTSC	60Hz	60Hz	60Hz	x	60Hz	x	x	60Hz	X	60Hz	60Hz	x

[1] Applicable to VP-434 and VP-435, firmware version 6.01; VP-437 firmware version 5.5.7; and VP-437xl firmware version 5.5.5

Model#	Input/ Output	VGA	SVGA	XGA	1280x800	WXGA	WSXGA	SXGA	SXGA+	WSXGA	UXGA	WUXGA	1920X1080	480p	576p	720p	1080i	1080p
		640x480	800x600	1024x768	1280x800	1366x768	1440x900	1280x1024	1400x1050	1680x1050	1600x1200	1920x1200	1920X1080	480p	576p	720p	1080i	1080p
VP-409	PAL	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	x	x	x	x
	NTSC	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	x	x	x	x
VP-410	PAL	x	x	x	x	x	x	x	x	x	x	x	x	x	50Hz	50/60Hz	50/60Hz	50/60Hz
	NTSC	x	x	x	x	x	x	x	x	x	x	x	x	60Hz	x	50/60Hz	50/60Hz	50/60Hz
VP-417	PAL	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	50Hz	50/60Hz	50/60Hz	50/60Hz
	NTSC	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	50/60Hz	50/60Hz	50/60Hz
VP-420	VGA (or) Component	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
VP-421	VGA (or) Component	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
VP-422	HDMI	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
VP-434	VGA	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
	Component	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
VP-435	VGA	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
	Component	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
	HDMI	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
VP-437	PAL	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
	NTSC	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
	VGA	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
	Component	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
	HDMI	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
VP-436 and VP-437XL	PAL	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
	NTSC	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
	VGA	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
	Component	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
	HDMI	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	x	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz

Model #	Input/ Output	VGA	SVGA	XGA	1280x768	WXGA	1366x768	WXGA+	SXGA	SXGA+	WSXGA	UXGA	WUXGA	1280x720	1920x1080
		640x480	800x600	1024x768	1280x768	1280x800	1366x768	1440x900	1280x1024	1400x1050	1680x1050	1600x1200	1920x1200	1280x720	1920x1080
VP-423	VGA	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	50/60Hz	50/60Hz	50/60Hz

For FW version V102, add 1366X768

3G-SDI Scaler

Model#	Input/ Output	VGA	SVGA	XGA	1280x768	1280x800	WXGA	WSXGA	SXGA	SXGA+
		640x480	800x600	1024x768	1280x768	1280x800	1366x768	1440x900	1280x1024	1400x1050
VP-471	3G-SDI	X	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz
VP-472	3G-SDI	X	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz
VP-473	3G-SDI	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz	60Hz

Model#	Input/ Output	WSXGA	UXGA	WUXGA	1920X1080	480p	576p	720p	1080i	1080p
		1680x1050	1600x1200	1920x1200	1920X1080	480p	576p	720p	1080i	1080p
VP-471	3G-SDI	60Hz	60Hz	60Hz	X	60Hz	50Hz	50/60Hz	X	50/60Hz
VP-472	3G-SDI	60Hz	60Hz	60Hz	X	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz
VP-473	3G-SDI	60Hz	60Hz	60Hz	60Hz	60Hz	50Hz	50/60Hz	50/60Hz	50/60Hz

Kramer Scaler Output Format Table (February 15th 2011)

Model#	Output Connector	VGA	SVGA	XGA	1280x800	WXGA	WXGA+	SXGA	SXGA+	WSXGA	UXGA	WUXGA	480p	576p	720p	1080i	1080p
	Output Format	640x480	800x600	1024x768	1280x800	1366x768	1440x900	1280x1024	1400x1050	1680x1050	1600x1200	1920x1200	480p	576p	720p	1080i	1080p
VP-410	HDMI																
VP-417	HD-15	RGBHV											RGB				
	DVI												RGB				
VP-420	HD-15	RGBHV											YPbPr (via/ HD-15 to 3 RCA cable)				
VP-421	HD-15	RGBHV											YPbPr (via/ HD-15 to 3 RCA cable)				
	DVI												RGB				
VP-422	HD-15	RGBHV											YPbPr (via/ HD-15 to 3RCA cable)				
VP-423	HD-15	RGBHV											x	x	RGBHV	x	RGBHV
	HD-15 bypass	RGBHV											x	x	RGBHV	x	RGBHV
VP-434	HDMI	RGB			x	RGB	x	RGB	x	RGB			RGB				
VP-435	HDMI	RGB			x	RGB	x	RGB	x	RGB			RGB				
VP-437	5 BNC	RGBHV											RGBHV				
	HD-15	RGBHV											RGBHV				
	HDMI	RGB											RGB				
VP-437XL	5 BNC	RGBHV											RGBHV				
	HD-15	RGBHV											RGBHV				
	HDMI	RGB											RGB				

VP-43X Scalers Input Resolutions and Refresh Rate (December 8th 2010)

Resolution/Refresh Rate	AV/SV	Component	D-SUB	DVI/HDMI
480i/576i(NTSC/PAL)	480i30x2 / 576i25x2	V	x	x
480p/576p		V	x	V
720p@(60/50)	_	V	V (RGB)	V
1080i@(60/50)	_	V	x	V
1080p@(60/50)	_	V	V (RGB)	V
1080p@(24/25/30)	-	V	x	V
VGA@(60/72/75/85)	_		V	V
SVGA@(56/60/72/75/85)	_		V	V
XGA@(60/70/75/85)	_		V	V
SXGA@(60/75/85)	_		V	V
UXGA@60	_		V	V
WXGA@60(1280x800)	-		V	V
WXGA+@60(1440x900)			V	V
WXGA@60(1366x768)	-		V	V
SXGA+@60(1400x1050)			V	V
WSXGA@60(1680x1050)	_		V	V
WUXGA@60(1920x1200)			V	V

*: 480i30*2 / 576i25*2

VP-42X Scalers Input Resolutions and Refresh (December 8th 2010)

Resolution/Refresh Rate	D-SUB VP-420/421/422	D-SUB VP-423	HDMI
480i/576i(NTSC/PAL)	X	X	X
480p/576p	**X**	**X**	V
720p@(60/50)	V (RGB)	V	V
1080i@(60/50)	X	X	V
1080p@(60/50)	V (RGB)	V	V
1080p@(24/**25**/30)	X	X	V
VGA@(60/72/75/85)	V	V	V
SVGA@(56/60/72/75/85)	V	V	V
XGA@(60/70/75/85)	V	V	V
SXGA@(60/75/85)	V	V	V
UXGA@60	V	V	V
WXGA@60(1280x800)	V	**X**	V
WXGA+@60(1440x900)	V	**X**	V
WXGA@60(1366x768)	V	**X**	V
SXGA+@60(1400x1050)	V	**X**	V
WSXGA@60(1680x1050)	V	V	V
WUXGA@60(1920x1200)	V	V	V

Kramer Scaler Output Resolutions Table

Model#	Input/Output	VGA	SVGA	XGA	1280x800	WXGA	WXGA+	SXGA	SXGA+	WSXGA	UXGA	WUXGA	1920x1080
		640x480	800x600	1024x768	1280x800	1366x768	1440x900	1280x1024	1400x1050	1680x1050	1600x1200	1920x1200	1920x1080
VP-413	PAL	60Hz	60Hz	60Hz	x	60Hz	x	x	x	x	x	x	x
	NTSC	60Hz	60Hz	60Hz	x	60Hz	x	x	x	x	x	x	x
VP-413XL	PAL	60Hz	60Hz	60Hz	x	60Hz	x	60Hz	x	x	60Hz	60Hz	x
	NTSC	60Hz	60Hz	60Hz	x	60Hz	x	60Hz	x	x	60Hz	60Hz	x
VP-413W	PAL	x	x	x	60Hz	60Hz	60Hz	x	x	60Hz	x	60Hz	60Hz
	NTSC	x	x	x	60Hz	60Hz	60Hz	x	x	60Hz	x	60Hz	60Hz